

WHAT IS CLAIMED IS:

Sub A3 1. An apparatus, comprising:

a first member;

5 a second member releasably attached to the first member; and

a control line shear mechanism.

2. The apparatus of claim 1, wherein the first and second members each have a longitudinal bore therethrough.

Sub B1 3. The apparatus of claim 1, wherein:

the first and second members are moveable in an axial direction to release from one another;

the control line shear mechanism comprises a first shear member attached to the first member and a second shear member attached to the second member; and

the first and second shear members are adapted to cooperatively shear a control line as the first and second members separate.

4. The apparatus of claim 1, wherein the control line shear mechanism is integral to the first and second member.

5. The apparatus of claim 1, wherein the control line shear mechanism is attached to the first and second members.

SUB 27 6. The apparatus of claim 1, wherein the control line shear mechanism comprises a solenoid driven cutter.

5 7. The apparatus of claim 1, wherein the control line shear mechanism comprises a hydraulically driven cutter.

SUB 37 8. The apparatus of claim 3, wherein the first and second members are releasably attached to each other by a release mechanism.

10 9. The apparatus of claim 8, wherein the release mechanism comprises a shear element.

10 10. The apparatus of claim 8, wherein the control line shear mechanism comprises a control line passageway within the first and second members.

15 11. The apparatus of claim 10, wherein the control line passageway comprises a recess on the external surface of the first and second members.

SUB 47 12. An apparatus, comprising:

20 a first tubular member;

a second tubular member releasably attached to the first tubular member;

the first and second tubular members are moveable in an axial direction to release from one another;

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~~a control line shear mechanism comprising a first and second control line shear member;
the first control line shear member being attached to the first tubular member;
the second control line shear member being attached to the second tubular member; and
the first and second control line shear members are adapted to cooperatively shear a
control line as the first and second tubular members separate.~~

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13. A shear sub, comprising:
- a first member;
 - a second member releasably attached to the first member;
 - the first and second members defining a control line passageway; and
 - the control line passageway comprising a pair of shearing blades adapted to shear a control line during release.
14. The shear sub of claim 13, wherein the control line passageway is positioned at an angle to the direction of release.
15. The shear sub of claim 14, wherein the control line passageway comprises a recess on the external surface of the first and second members.
16. The shear sub of claim 14, wherein the control line passageway comprises a passageway enclosed within the first and second members.

~~17. A control line cutting mechanism comprising:~~

a control line cutter; and

a driver attached to the control line cutter.

18. The control line cutting mechanism of claim 17, wherein the driver comprises a solenoid.

19. The control line cutting mechanism of claim 17, wherein the driver comprises a hydraulic actuated driver.

20. The control line cutting mechanism of claim 17, wherein the control line cutting mechanism is attached to a tubular string.

21. A method, comprising:

separating a first member from a second member; and

before or during the separating step, cutting a control line proximal to the point of separation of the first and second members.

22. The method of claim 21, wherein the first and second members comprise a safety joint.

23. The method of claim 22, wherein the safety joint is used to connect two segments of a tubular string within a wellbore.

24. The method of claim 23, wherein the safety joint comprises a control line cutting mechanism that cuts the control line as the first and second members are separated.

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25. The method of claim 21, wherein the separation of the first member from the second member is independent from the cutting of the control line.

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26. The method of claim 25, wherein the cutting of the control line is achieved using a solenoid driven cutter.

27. The method of claim 25, wherein the cutting of the control line is achieved using a hydraulically driven cutter.

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28. A method of completing a well comprising:

providing a tubular string comprising a safety sub, the safety sub comprising a control line cutting mechanism;

attaching a control line to the tubular string, the control line being disposed through the control line cutting mechanism; and

inserting the tubular string and control line into the well.

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29. The method of claim 28, further comprising:

separating the tubular string at the safety sub, and

cutting the control line with the control line cutting mechanism.

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30. The method of claim 29, further comprising:

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removing the upper portion of the ~~separated~~ tubular string and the upper portion of the
sheared control line from the well.